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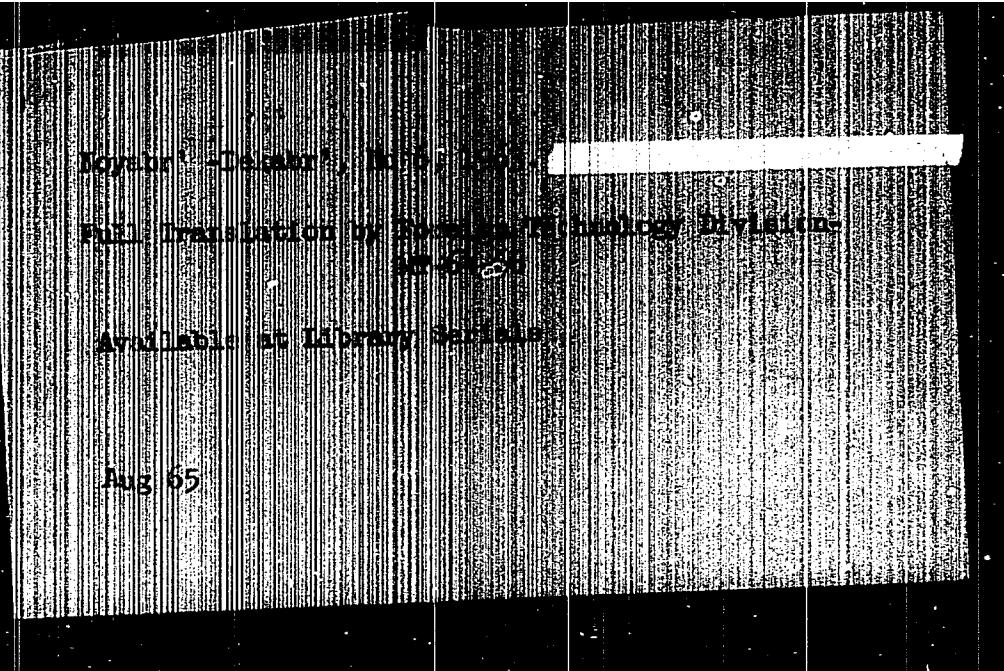
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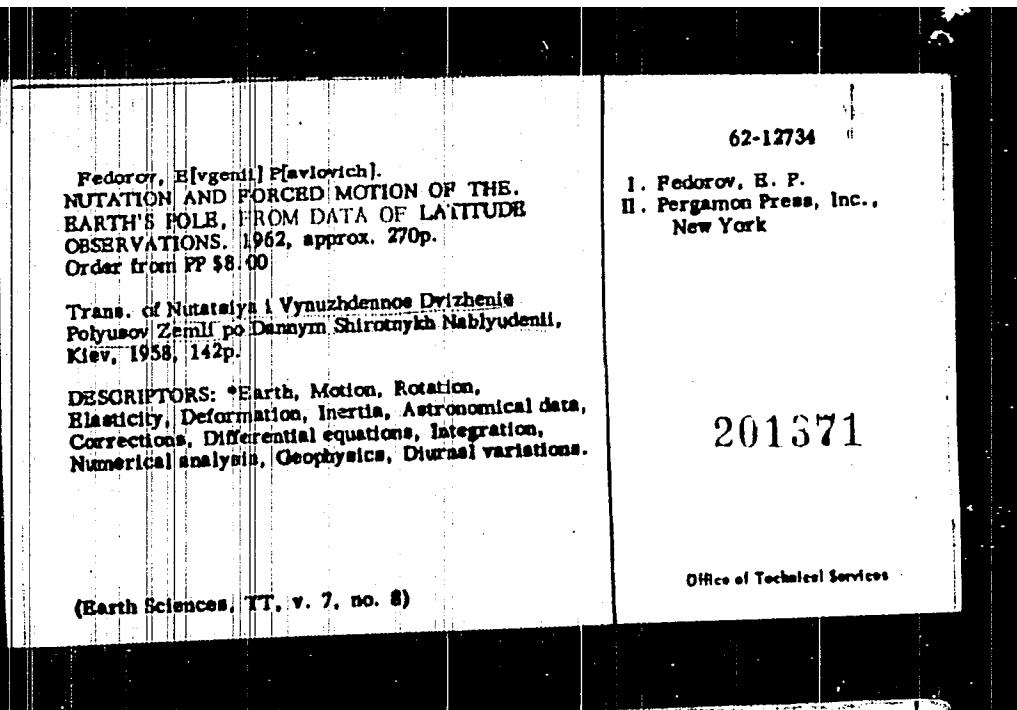
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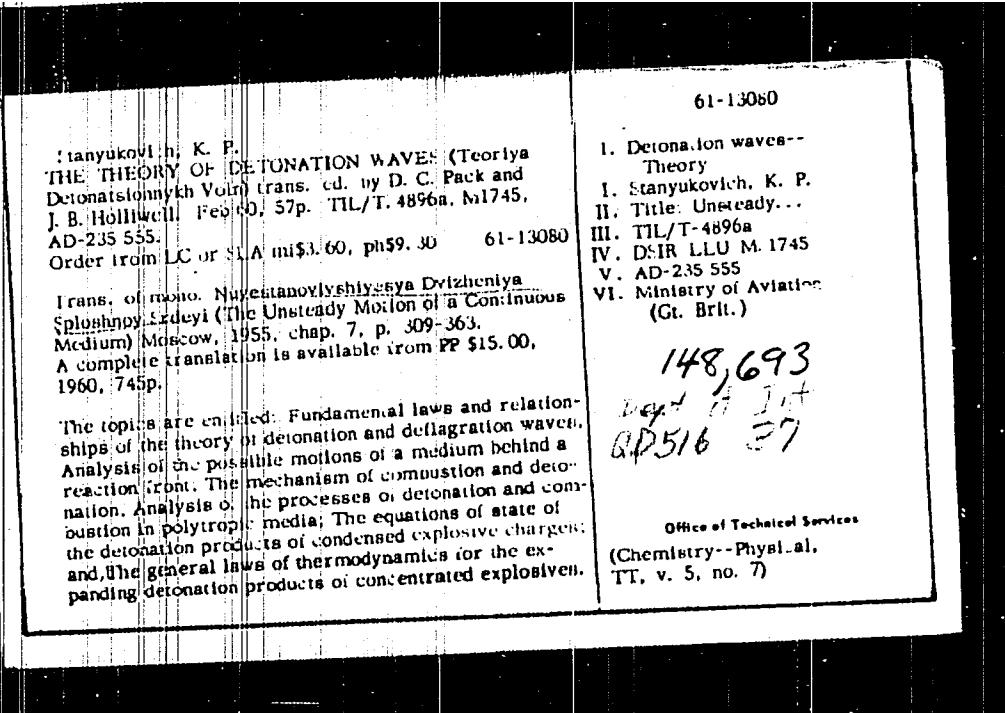
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- I. Korshun, M. O.  
II. Gel'man, N. E.  
III. Title: Exchange...

Trans. of mono. Obrmeni Opytom i Tekhnika  
Laboratorniy Raboty (Exchange for Experiments and  
Technical Laboratory Work) n.p., n.d., p. 754-756.

DESCRIPTORS: \*Sulfur, Microanalysis, \*Laboratory  
equipment, Determination.

(Chemistry--Analytical; TT, v. 8, no. 12)

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in the Photogrammetric Industry, by N. T. Zavarza, 79 pp.

Full tr

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Antimela, E. A., Glembocki, V. A., and  
Dokhtina, I. D.  
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Flotation Properties of Smithsonite. [1961]  
Vol. 2 (6), No. 1, p. 1-12.  
Yaroslavl Spring Lab. Trans. NTB#4;  
1961, p. 1-12.  
Great Britain DTI or SEA \$1.10 61-28132

Frank, from monti, Ologashchenie Poleznykh

iskopchenykh (Mineral Dressing) Moscow, 1960,  
sect. 1, chap. 3.

DESCRIPTORS: \*Biotin; Prostaglandins; Reagents; Zinc compounds; Cysteine; Sodium compounds; Sulfides.

*Exhibit A* (Continued) *Answers.*

The better method for heating starches is in a weakly alkaline one (pH 7.4-8.0). When the sulphidation temperature is 60°-65° the oxonium hydrogen ion concentration change is displaced towards a more neutral (Metallurgy, TT, v. 6, no. 11). (over)

10. The following table summarizes the results of the study. The first column lists the variables, the second column lists the sample size, the third column lists the mean, and the fourth column lists the standard deviation.

61-28132

- I. Title: Smithsonite
  - II. Antropova, E. A.
  - III. Glembockij, V. A.
  - IV. Title: Flotation properties...
  - V. Title: Mineral...
  - VI. DSIR NT-844
  - VII. DSIR LLU M. 3193
  - VIII. Department of Scientific  
and Industrial Research  
(Gt. Brit.)

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Glembotskii, V. A. and Pikkat-Ordynakaya, A. P.  
FLOTATION METHODS OF PROCESSING: THE  
RATE OF REACTION OF COLLECTORS WITH  
SULFIDE MINERALS. (1961) [4]p. 4 refs. Warren  
Spring Lib. Trials NT 843; [DSIR LLU] MJ192.  
Order from OTS or SLA \$1.10 61-28134

Trans. from mon. Obogashchenie Raleznykh  
Iskopemykh (Mineral Dressing) Moscow, 1960,  
sect. 1, chap. 3.

DESCRIPTORS: Flotation, Processing, \*Sulfides,  
Minerals, Collection, Chemical reactions, Reagents,  
\*Lead compounds.

The rate of reaction of collectors with mineral parti-  
cles is assessed by determining variations in the  
hydrophobicity of their surface as the contact time be-  
tween the reagent and the minerals is varied. From  
(Metallurgy, T.I., v. 6, no. 11) (over)

61-28134

- I. Glembotskii, V. A.
- II. Pikkat-Ordynakaya, A. P.
- III. Title: Rate...
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- V. DSIR NT-843
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- VII. Department of Scientific  
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Klassen, V. I. and Meshcheryakov, N. F.  
FLOTATION METHODS OF PROCESSING: VACUUM  
FLUTATION OF FINE SLIMES, [1961] [9]p. 12 refs.  
Warren Spring Lab. Trans. NT-842; [DSIR LLU]  
M.3191.

Order from OTS or SLA \$1.10      61-28135

Titans. (voca min.). Obogashchenie Poleznykh  
Iskopayemykh (Mineral Dressing) Moscow, 1960,  
sect. I, chap. 3.

DESCRIPTORS: \*Flotation, Vacuum apparatus,  
Bubbles, Minerals, Ores, Particles, Solutions,  
Minerals, Processing.

A comparative experimental evaluation of the floatability of particles smaller than 10 $\mu$  by air-bubbles liberated from solution and by air-bubbles dispersed by mechanical agitation of the medium showed that the first method is much the more efficient. Flotation of  
(Metallurgy, TT v. 6, no. 11)      (over)

61-28135

- I. Title: Slimes
- II. Klassen, V. I.
- III. Meshcheryakov, N. F.
- IV. Title: Vacuum...
- V. DSIR NT-842
- VI. DSIR LLU M. 3191
- VII. Department of Scientific  
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Pinksin, I. N., Olofinskii, N. F., and Norkin, V. V.  
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OF PROCESSING THE DISTRIBUTION OF  
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ELECTRODE WITH GROUP MIGRATION IN THE  
ELECTRIC FIELD OF A CORONA DISCHARGE.  
[1961] [9]p. 1 refa. Warren Spring Lab. Trans.  
NT 845. [DSIR LLU] M3194.

Order from CIS or SLA \$1.60

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Trans. from mono. Obogashchenie Poleznykh  
Iskopаемykh (Mineral Dressing) Moscow, 1960,  
sec. 1, chap. 4.

DESCRIPTORS: \*Particles, Physical properties,  
\*Separation, Distribution, Electrodes, Voltage, Re-  
covery, \*Electrical corona, \*Minerals, Processing,  
\*Electric fields, Ores, Coal.

(Metallurgy, TT, v. 6, no. 11)

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61-28131

- I. Plakain, I. N.
- II. Olofinskii, N. F.
- III. Norkin, V. V.
- IV. Title: Distribution...
- V. Title: Mineral...
- VI. DSIR NT-845
- VII. DSIR LLU M. 3194
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Nazarova, G. N., Okolovich, A. M., and  
Plaksin, I. N.  
FLOTATION DRESSING METHODS: THE USE OF  
CERTAIN ALKYLARYL SULPHONATES FOR THE  
FLOTATION OF POLYMETALLIC ORES. [1961] [9 p].  
11 refs. Warren Spring Lab. Trans. NT 846;  
DSIR LLU M3195.  
Order from OTS or SLA \$1.10 61-27479

Trans. from mono: Obogashchenie Poleznykh  
Iskopemykh (Mineral Dressing) Moscow, 1960,  
sect. II, chap. 2.

DESCRIPTORS: \*Ores, \*Flotation, \*Sulphonates,  
\*Alkyl radicals, Benzyl radicals.

Of the individual products of a series of alkylaryl  
sulphonates differing in the length of the hydrocarbon  
radical, sodium dodecylbenzene sulphonate and tri-  
decylbenzene sulphonate ( $C_{12}$ -12,  $C_{13}$ ) were proved by  
(over)  
(Metallurgy, ITT, v. 6, no. 9)

- I. Nazarova, G. N.  
II. Okolovich, A. M.  
III. Plaksin, I. N.  
IV. Title: Uss...  
V. Title: Mineral...  
VI. DSIR NT-846  
VII. DSIR LLU M. 3195  
VIII. Department of Scientific  
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(Gt. Brit.)

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N. P. Neronov. UNCL

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1957, pp 10-13.

IRSID T 1218  
185, Rue President-Roosevelt  
St. German-en-Laye  
(3-et-O), France

12 735

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SHORSHER M. N.

Separating molybdenite-carrying concentrates by flotation  
Über die Trennung molybdänhaltiger Kollektivkonzentrate  
durch Flotation

Obogashchenie Rud, 3, No. 1, 3-12 (1958)

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Perlov, P. M.		63-10616
THE HYDROLYSIS OF SODIUM CARBONATE IN AING LEACHING OF SCHEELITE IN AN AUTO- CLAVE (Ostrolizit Uglekislogo Narriya v Usloviyakh Vyschelachivaniya Scheelite v Avtoklave). [1962] [9]p. (foreign text included) 4 refs.	1. Title: Scheelite 1. Perlov, P. M.	
Order from CIS or \$1.10	63-10616	
Trans. of Voprosy Khimicheskoy Ruk (USSR) 1958 [v. 3] no. 2[14]p. 22-34.		
DESCRIPTORS: *Hydrolysis, *Sodium compounds, *Carbonates, *Calcium compounds, *Tungstates, Sterilizers, Electrical conductance, Measurement, Chemical analysis, Minerals.		
There is no appreciable hydrolysis of sodium carbonate during the decomposition of calcium tungstate with soda solutions at increased temperatures. The com- (Chemistry-Physical) TT, v. 10, no. 2) (over)		Office of Technical Services